
NCR ID: ECSed39592 Status: ASSIGNED-TEST Submit Date: 040220
NCR Class: REL_B0_INFORMAL Project: RelB0_DPool Enclosures: 5

NCR TITLE....

PRELIM.06+: EcDlQuickServer is not responding to client requests.

DETECTION INFORMATION....

Build Name[*]: Drop 7
Test Site[*]: PVC
Detection Method[*]: Planned Test
Detected-In-Phase[*]: Integration
Build ID: 7.0_PRELIM.06+
Test Case ID: #P4/01PerfCheckout
Platform ID: p0drg01
Severity (1=Showstopper)[*]: 2
Need fix by [*]: Emergency
Mode [*]: TS1
Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: adupree
Assigned To: sshargor
Iteration [*]: Drop 7

SUBMITTER INFORMATION....

Submitter: mprimett

Page 1/2

NCR Class: REL_B0_INFORMAL Project: RelB0_DPool

TO BE FIXED INFORMATION....

Problem Type[*]: source code
Recommended Change[*]: source code
Est. Fix Time (Hrs): 3
Est. Fix Date (yyymmdd): 040220
Related NCR ID: N/A
Est Num_SLOC: 6
Revised Fix Time (Hrs): 3
Revised Fix Date (yyymmdd): 040220
Patch Release Name: TBD
Patch Release Date (yyymmdd): 040220

RESOLUTION INFORMATION....

Resolution[*]: source code
Resolved by: sshargor
Indicate_SLOC[*]: Combination
Num_SLOC: 47
Fixing Time (hrs): 3
Documentation affected (Y/N)? N
Affect CSCI: DPL
Merge Build Id:
Fix Date (yyymmdd): 040220

Page 2/2

***** Problem (Added 040220 by mprimett) *****

PROBLEM DESCRIPTION....

After installing the new version of quickserver tonight, with the configuration parameter MAXIMUM_CONCURRENT_TASKS, we noticed that after working for some time, the QuickServer seemed to stop responding to

client requests from the datapool insert utility. Attaching with a debugger shows over 700 threads apparently duplicated from the listener thread. After the QuickServer is bounced it runs for a little while and then stops again - requests are still being sent form the DPIU.

***** Impact (Added 040220 by mprimett) *****
IMPACT....

Server appears to hang and must be constantly restarted to keep things moving.

***** Analysis (Added 040220 by sshargor) *****
Please describe your Analysis:
Number of tasks gets incremented, but not decremented when USE_CACHE=Y and the command is "fileVolume" or "fileincache" because that does not execute a system call.

***** Previous Merge Build IDs (Added 040220 by sshargor) *****
Please enter any related Merge Build ID(s) information:

- 1) M040220002 - relb
- 2) M040220003 - 6A08
- 3) M040220004 - 6A08EBF1
- 4)

***** Resolution (Added 040220 by sshargor) *****
Please describe your resolution to this problem:
Now, the QuickServer increments/decrements the number of tasks in association with each actualy system command, rather than trying to do it for every client connection.

***** History *****
xdds 040220 011208 Submitted to RelB0_DPool by mprimett
xdds 040220 011445 Enclosure "Problem" added by mprimett
xdds 040220 011505 Enclosure "Impact" added by mprimett
xdds 040220 083424 N -> A (Assigned-to jfarley) by adupree
xdds 040220 093512 A -> A (Assigned-to sshargor) by sshargor

xddts 040220 093958 Enclosure "Analysis" added by adupree
xddts 040220 093959 A -> R (Recommend-change = source code) by sshargor
xddts 040220 132108 Enclosure Previous Merge Build IDs added by sshargor
xddts 040220 132159 Enclosure Resolution added by sshargor
xddts 040220 132200 R -> T by sshargor

